

BRUHATH BENGALURU MAHANAGAR PALIKE

O/o Executive Engineer(Ele), RR Nagar Zone.

E.MB No: 02/2019-20

Bill Type : First & Final

Name of the Work:	Providing LED Street lights in HMT Layout, Brundavan Nagar, SBM Colony and other places of ward no-17,JP park. Job No:- 017-16-000024 Bill Amount : Rs :1,91,61,078/-
Name of the Agency:	Executive Engineer-3, KRIDL
Work Order No & Date:	EE/ELE/RRN/WO/52/2017-18, Dtd :05/03/2018.
Date of Completion of work:	04/11/2019
Measurement book No & Date	2505/19-20, 250426 To 250445

BRUHATH BANGALORE MAHANAGAR PALIKE

E- MB

Name of the work :-Providing LED Street lights in HMT Layout, Brundavan Nagar,SBM Colony and other places of ward no-17,JP park.

Bill No :First and Final Bill

Date of Work Completion:

Estimate cost: Rs. 200.00Lakhs

Job no: 017-16-000024

Name of the Agency: EXECUTIVE Engineer-3, KRIDL

As No & Date:EE/ELE/RRN/AS/69/2017-18, Dtd:28/2/2018

TS No & Date:CE/RRN/TS /507/2017-18, Dtd:1.03.2018

Work order no & Date:EE/ELE/RRN/WO/52/2017-18, Dtd :05/03/2018.

Agreement No & Date:EE/ELE/RRN/Ag No./52/2017-18, Dtd :05/03/2018.

Sl no	Description of work	No	Dimension L B D	Qty	unit	Rate Rs Ps	Amount Rs ps
1	LED Street light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI 75+. housing with supplier word mark / name shall be engraved / Embossing on the die cast housing / body part. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above						
	90 Watts						
	HMT Layout and Channappa Garden, Loction Details given Below (Pole No)						
	PEE / 17 / TC83 / G / 00 / BM / 01 / S / LED NO.102			1	Each		
	PEE / 17 / TC83 / G / 00 / 13 M / 02 / S - LED NO.103 / 30, 13TH MAIN, HMT LAYOUT			1	Each		
	PEE / 17 / TC83 / G / 00 / BM / 03 / 8 / LED NO.96127 SUNADA NILAYA			1	Each		
	PEE / 17 / TC83 / G 100 / 13 M / 04 / LED NO.107 SRI VENKATESHWARA NILAYA			1	Each		
	PEE / 17 / TC83 / G / CO / BM / 05 / S - LED NO.111 / 49			1	Each		

Sl no	Description of work	No	Dimension L B D	Qty	unit	Rate Ps	Rs	Amount Rs ps
	PEE / 17 / TC83 / G100 / 13 M / 06 / S LED NO.113 / 18			1	Each			
	PEE / 17 / TC83 / G / 00 / 13 M / 07 / S. LED NO.115 SURABHI NILAYA			1	Each			
	PEE / 17 / TC83 / G100 / 13 M / 08 / S. LED NO.117 / 21 NARENDRA KUMAR HOME			1	Each			
	PEE / 17 / TC83 / G / 00 / 13 M / 09 / S LED NO.252 MARUTHI KRUPA			1	Each			
	PEE / 17 / TC83 / GK / 00 / 13 M / 10 / S LED NO.253 MARUTHI KRUPA			1	Each			
	PEE / 17 / TC79 / GK / 00 / 13 M / 11 / S LED NEAR GANESHA TEMPLE, HMT LAYOUT, GOKULA			1	Each			
	PEE / 17 / TC79 / GK / 00 / 13 M / 12 / S 307/A, ROYAL STITCH			1	Each			
	PEE / 17 / TC79 / GK / 00 / 13 / S - LED NEAR MANJUNATHA FURNITURE WORKS			1	Each			
	PEE / 17 / TC701 / HL / 6C / 00 / 16 / 6 - LED NEAR GOVT. PRIMARY SCHOOL			1	Each			
	PEE / 17 / TC78 / GK / 00 / 13M / 14 / S LED NO.375 / 2, SRI RAJESHWARI JEWELLERY WORKS			1	Each			
	PEE / 17 / TC78 / GK / 00 / 13M / 15 / 0 - LED MOTHER DAIRY			1	Each			
	PEE / 17 / TC 78 / GK / 00 / BM / 16 / S - LED NO.376 / 1, LALITHA NIVAS			1	Each			
	PEE / 17 / TC78 / HMJT / 00 / 13 M / 17 / LED NO.403			1	Each			
	PEE / 17 / TC78 / HL / 00 / 8C / 14 / S-LED VEN PRINTERS			1	Each			
	PEE / 17 / TC78 / GK / 13 M / 17 / F. LED NO.346 / 40 SHREYAS			1	Each			
	PEE / 17 / TC 100 / GK / 00 / 5C / 21 / LED 149			1	Each			
	PEE / 17 / TC100 / GK / 00 / 5C / . 20 / S LED NO.55			1	Each			
	PEE / 17 / TC 96 / HK / 00 / 16 M / 12 / S LED NO.55 VENKATESH NILAYA			1	Each			
	PEE / 17 / TC 100 / HL / 00 / 5C / 19 / 0 LED NO.48			1	Each			
	PEE / 17 / TC 100 / HL / 00 / 5C / 8 / S LED NO.49 / 43			1	Each			
	PEE / 17 / TC / 00 / HL / 00 / 5C / 17 / S LED SAMRUDHI			1	Each			
	PEE / 17 / TC 100 / HL / 00 / 5C / 16 / 0 LED NO.52			1	Each			
	PEE / 17 / TC 100 / HL / 00 / 5C / 15 / S LED NO.53 AMBHA NILAYA			1	Each			
	PEE / 17 / TC 100 / HL / 00 / 5C / 14 / S LED NO.09			1	Each			
	PEE / 17 / TC 100 / GK / 00 / 5C / 13 / S LED NO.297 / 12			1	Each			
	PEE / 17 / 17 / TC 100 / HMT / 00 / 5C / 12 / S LED NO.297/0			1	Each			
	PEE / 17 / TC 100 / HL / 00 / 5C / 11 / S LED NO.297/G			1	Each			
	PEE / 17 / TC100 / HL / 00 / 5C / 10 / S LED			1	Each			
	PEE / 17 / TC100 / HL / 60 / 5C / 109 / S. LED 296/A LAKSHMI NIVAS			1	Each			
	PEE / 17 / TC100 / HL / 00 / 5C / 08 / S. LED NO.298/A (34)			1	Each			
	PEE / 17 / TC83 / HL / 00 / 5C / 06 / S LED NO.299 / 32 / 1			1	Each			
	PEE / 17 / TC / HMT / 00 / 5C / 05 / S LED NO.10 FLORA			1	Each			

Sr No	Description of work	No	Dimension L B D	Qty	unit	Rate Rs Ps	Amount Rs ps
	PEE / 17 / TC83 / HMT / 00 / 5C / 2 / S LED NO.304 / 7/2			1	Each		
	PEE / 17 / TC83 / HMT / 00 / 5C / 01 / S LED NO.306 ANURAGA NILAYAM			1	Each		
	PEE / 17 / TC100 / HMT / 00 / 04 / 21 / S / 256 / 38			1	Each		
	PEE / 17 / TC100 / HMT / 04 / 20 / F. LED NO.257 SHANTHI NILAYA			1	Each		
	PEE / 17 / TC 100 / HMT / 00 / 04 / 19 / S. LEDC NO.276 BHAGYAM			1	Each		
	PEE / 17 / TC 100 / HMT / 00 / 04 / 18 / S. LED NO.26 SUNDARAJA NILAYA			1	Each		
	PEE / 17 / TC 100 / HMT / CO / 04 / 17 / S. LED NO.271 MATHA			1	Each		
	PEE / 17 / TC100 / HMT / 00 / 04 / 16 / 0 LED NO.265			1	Each		
	PEE / 17 / TC100 / HMT / 00 / 14M / 03 / LED NEAR 265			1	Each		
	PEE / 17 / TC100 / HMT / 14M / 04 / S LED NO.413/A 14TH MAIN			1	Each		
	PEE / 17 / TC100 / HMT / 14 M / 02 / 0 LED			1	Each		
	PEE / 17 / TC 100 / HMT / 14 M / 01 / F. LED NO.296			1	Each		
	PEE / 17 / TC 100 / HMT / 04C / 15 / S. LED NO.33 BANASHANKARI			1	Each		
	PEE / 17 / TC 99 / HMT / 4C / 14 / S LED MANJUNATH NILAYA			1	Each		
	PEE / 17 / TC 99 / HMT / 4C / 13 / S. LED NO.45 MANI NIVAS			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 04 / 12 / S. LED NO.237			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4C / 11 / 6. LED 159 / 1			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4C / 10 / 0. LED H. NO.234			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4G / 08 / F. LED NO.157 / 5			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4C / 07 / 0. LED NO.156			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4G / 06 / S. LED NO.155			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4C / 05 / S. LED NO.228 / 28			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 16 M / 10 / S. LED NO.146 SUNDAR NIVAS			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4C / 4 / F. LED NO.145 SUNDHYA			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4C / 03 / S. LED NO.136 / 72			1	Each		
	PEE / 17 / TC 99 / HMT / 00 / 4C / 021 / F LED NO.141 'DEVIKA NILAYA'.			1	Each		
	PEE / 17 / TC 99 / HL / 00 / 4C / 01 / S LED NO.140 UDAYA RAVI			1	Each		
	PEE / 17 / TC 99 / HL / 00 / 3C / 40 / I. LED NO.192/47 SRINIVAS			1	Each		
	PEE / 17 / TC 99 / HL / 00 / 3C / 38 / S. LED NO.75 SAPTHAGIRI NILVASA			1	Each		
	PEE / 17 / TC 99 / HL / 00 / 3C / 35 / S. LED NO.129 / 29			1	Each		
	PEE / 17 / TC 99 / HL / 00 / 3 C / 34 / 0 LED NO.96 K.C. GEORGE			1	Each		
	PEE / 17 / TC 99 / HL / 16M / 07 / S. LED SRI RAMACHANDRA NILAYA			1	Each		
	PEE / 17 / TC 99 / HL / 16M / 09 / 0 LED NO.38 SRI HARI NIVAS			1	Each		

Sl No	Description of work	No	Dimension L B D	Qty	unit	Rate Rs Ps	Amount Rs ps
	PEE / 17 / TC 99 / HL / 16 M / 11 / F. LED			1	Each		
	PEE / 17 / TC 99 / HL / 16 M / DATED : 24-04-2018			1	Each		
	PEE / 17 / TC 03 / SN / 00 / 1M / 02 / S. LED NANDA GOKULA BAR AND RESTAURANT 1ST MAIN GOKULA			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1 M / 08 / 5 LED.			1	Each		
	PEE / 17 / TC 05 / PP / 00 / BM / 07 / 0 LED NO.2 GILGAL			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1 BM / 05 / S / LED NO.65			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 3M / 09 / S LED NEAR RAMI FABRICATION WORK			1	Each		
	PEE / 17 / TC 05 / SN / 00 / 3M / OS / S. LED SRI MUNESHWARA STORES			1	Each		
	PEE / 17 / TC 05 / SN / 00 / 2C / 01 / S LED			1	Each		
	PEE / 17 / TC 03 / SN / 00 / 3M / 07 / F NO.72 ECSHADAI			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1M / 04 / F LED NO.7/1 CHANNAPPA GARDEN, SUNDARNAGAR			1	Each		
	PEE / 17 / TC 05 / PR / 00 / 1 M / 05 / S LED 1ST CROSS ROAD, CHANNAPPA GARDEN, SUNDARANAGAR.			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1 A M / 03 / F LED NO.407 PURNAPURA SUNDARANAGAR			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1 ST A MAIN / 04 / F LED			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1 A M / 05 / S LED CHANNAPPA GARDEN			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1 A M / 06 / 0 LED NO.409 SHARANYA NILAYA			1	Each		
	PEE / 17 / TC 05 / PP / M / 03 / S LED 1ST MAIN ROAD, CHANNAPPA GARDEN, SUNDARANAGAR			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1A / 01 / S LED 1ST MAIN ROAD CHANNAPPA GARDEN, SUNDARANAGAR			1	Each		
	PEE / 17 / TC 05 / PP / 00 / 1M / 02 / S LED 1ST MAIN ROAD, CHANNAPPA GARDEN, SUNDARANAGAR			1	Each		
	PEE / 176 / TC 05 / PP / 00 / 1 M / 07 / F LED CHANNAPPA GARDEN SUNDARANAGAR			1	Each		
	PEE / 17 / TC03 / PP / CE / 1M / 01 / K. LED HIMSELF			1	Each		
	PEE / 17 / TC03 / PP / 00 / 1M / 02 / S LED AMMA NILAYA POORNAPURA			1	Each		
	PEE / 17 / TC 83 / GK / 00 / 3 / A M / 06 / LED NEAR NO.37, HMT LAYOUT, 1ST 'A' MAIN			1	Each		
	PEE / 17 / TC83 / GK / 00 13 / A MAIN / 07 / LED NO.135 A, 13TH 'A' MAIN, HMT LAYOUT			1	Each		
	PEE / 17 / TC83 / HMT / 00 / 13 A M / 05 / LED NO.129 (17A) MALLIGE NIVAS 13TH 'A' MAIN, HMT LAYOUT			1	Each		
	PEE / 17 / TC83 / HC / 00 / 13 A M / 04 / S LED MD. SHAREEF INTERNATIONAL BUILDING 13TH 'A' MAIN, HMT LAYOUT, MATHIKERE			1	Each		
	PEE / 17 / 783 / HL / 00 / 13 A M / 03 / S LED K. JAI KUMAR J.D.S.			1	Each		
	PEE / 17 / TC83 / HL / 00 / 13 A M / 01 / S LED NO.145 / SRI RAGHAVENDRA GURU SEVA MANDALI			1	Each		
	pee / PEE / 17 / TC 91 / BBVN / 00 / 5C / 09 / 0 LED NO.21.			1	Each		
	PEE / 17 / TC / 329 / BVN / 00 / 06 / 01 / LED 6TH CROSS			1	Each		